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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuo KOBAYASHI et al.  
Title: METHYLOTROPHIC YEAST PRODUCING MAMMALIAN TYPE SUGAR CHAIN  
(As Amended)  
Int'l Appln. No: PCT/IP03/05464  
Int'l Appln. Filing Date: April 28, 2003  
U.S. Serial No. 10/511,436  
Examiner: Unassigned  
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of the documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of the documents herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

The documents being cited in the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding international application. A copy of the International Search Report is attached setting forth the portion of these documents considered relevant by the examiner. A copy of the documents cited in the Search Report is not being submitted herewith.

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 15 August 2005

By S. A. Bent

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Substitute for form 1449B/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: August 16, 2005

(use as many sheets as necessary)

Sheet 1 of 2

*Complete if Known*

Application Number	10/511,436
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Filing Date	Unassigned
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First Named Inventor	Kazuo KOBAYASHI
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Group Art Unit	Unassigned
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Examiner Name	Unassigned
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Attorney Docket Number	081356-0224
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Examiner Initials*	Cite No.1	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
		Office3	Number4	Kind Code5 (If known)				
	A1	WO 93/00856	A2		Flanders-Interuniversity Institute for Biotechnology	1/3/2002		
	A2	WO 02/00879	A2		Glycofi INC.	1/3/2002		
	A3	WO 98/13610	A1		Centrotech (Israel) Ltd. Biotechnology	4/9/1998		
	A4	JP 9-30927	A		The Green Grass Corporation	1/24/1997		
	A5	WO 98/14252	A1		Wain Brewery Co., Ltd.	3/18/2000		
	A6	WO 92/17595	A1		The Salk Institute	10/15/1992		
					Biotechnology/Industrial Associates			
	A7	EP 314896	A2		Zymogenetics Inc.	3/3/1989		
	A8	EP 175970	A2		Anheuser-PfG	3/6/1980		
	A9	WO 00/78978	A1		Zymogenetics Inc.	12/28/2000		

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	A10	International Search Report of PCT/JP03/05464.	
	A11	Yasuyoshi SAKAI et al., "The Orotidine-5'-Phosphate Decarboxylase Gene (URA3) of a Methylotrophic Yeast, <i>Candida boidinii</i> : Nucleotide Sequence and Its Expression in <i>Escherichia coli</i> ", <i>Journal of Fermentation and Bioengineering</i> , 1992, Vol. 73 (4), pgs. 253-260.	

Examiner  
Signature

/Nancy Vogel/

Date  
Considered

06/09/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language translation is attached.

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STATEMENT BY APPLICANT

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Sheet 2 of 2

## Complete if Known

Application Number	10/511,436
Filing Date	Unassigned
First Named Inventor	Kazuo KOBAYASHI
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	081356-0224

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	TS
	A12	Vina W. YANG et al., "High-efficiency Transformation of <i>Pichia stipitis</i> Based on Its URA 3 Gene and a Homologous Autonomous Replication Sequence, ARS2", Applied and Environmental Microbiology, 1994, Vol. 60(12), pp. 4245-4254.	
	A13	Yoshiko NISHIYA et al., "Primary Structure of ADE1 Gene from <i>Candida utilis</i> ", Bioscience Biotechnology and Biochemistry, 1994, Vol. 58(1), pp. 208-210.	
	A14	Immaculata C. CASANO et al., "Cloning and Sequence Analysis of the <i>Pichia pastoris</i> TRP1, IPP1 and HIS 3 Genes", Yeast, 1998, Vol. 14, pp. 861-867.	
	A15	Yasuyoshi SAKAI et al., "Directed Mitogenesis in an Asporogenous Methylophilic Yeast: Cloning, Sequencing and One-Stop Gene Disruption of the 3-Isopropylmalate Dehydrogenase Gene (LEU2) of <i>Canadida boidinii</i> to Develop Doubly Auxotrophic Marker Strains", Journal of Bacteriology, 1992, Vol. 174(18), pp. 5988-5993.	
	A16	Xing-Pei ZHANG et al., "LEU2 Gene Homolog in <i>Kluyveromyces fragilis</i> ", Yeast 1992, Vol. 8, pp. 801-804.	
	A17	Anahit V. AZARYAN et al., "Purification and Characterization of a Paires Basic Residue-specific Yeast Aspartic Protease Encoded by the YAP3 Gene", The Journal of Biological Chemistry, 1993, Vol. 268(16), pp. 11968-11975.	
	A18	Hiroto KOMANO et al., "Shared functions in vivo of a glycosyl-phosphatidylinositol-linked aspartyl protease, Mkc7, and the proprotein processing protease Kex2 in yeast", Proc. Natl. Acad. Sci. USA, 1995, Vol. 92, pp. 10752-10756.	
	A19	Ed. T. BUURMAN et al., "Molecular analysis of CalMtp, a mannosyl transferase important for adhesion and virulence of <i>Candida albicans</i> ", PROC. Natl. Sci. USA, 1998, Vol. 95, pp. 7670-7675.	
	A20	A.M. Leideboer et al., "Molecular cloning and characterization of a gene coding for methanol oxidase in <i>Hansenula polymorpha</i> ", Nucleic Acids Res. 1985, Vol. 13(9), pp. 3063-3082.	
	A21	Yuzo YAMADA et al., "The Phylogenetic Relationships of Methanol-assimilating Yeasts Based on the Partial Sequences of 18S and 25S Ribosomal RNAs: The Proposal of Komagataella Gen. November (Saccaromycetaceae)", Vol. 59(3), pp. 439-444.	

Examiner  
Signature

/Nancy Vogel/

Date  
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